



●● HB64.50

block and one bath with a drain cock.

Benkelman Beam

For determining the deflection of flexible pavements under the action of moving loads.

The apparatus consists of a 365 cm long aluminium beam in two halves arranged to give the lever arm ratio of 2:1. Provision is made for levelling the apparatus. An anvil and a probe are fixed in opposite directions on the beam. A buzzer is provided for removing friction in the bearings. For movement of the assembled beam to different test points on the same pavement and clamping, spring loaded clamp is provided. The beam can be levelled by fine and coarse adjustments provided for the purpose.



HB 64.50

●● HB64.550

Digital Benkelman Beam

For fast and accurate measurement Digital Benkelman beam is used for the measurement of deflection under load. It has a digital gauge with an accuracy of 10 microns.

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Extension Tester

IS : 1834

For determining the extensibility of sealing compound.

It has a loading unit for applying tension on the test specimen at the rate of 3 mm/hr. Suitable for operation on 220 V, 50 Hz, single phase supply.

A four piece metal mould for jointing compound, two clamping strips & screws, one base plate for the extension jig and the jointing compound moulds. One extension jig, one mould with base plate for cement